Collection No. 204

K. H. L. Key

OLYMPIC

No. 704

'Copymate'

RECORD BOOK

Mountains of Victoria + Wilsons Promontory

50 leaves in Duplicate

6 – 13. ii. 1982

NUMBERED

NO CARBON PAPER REQUIRED

Collection No. 204 Mountains of Vic. &
Wilsons Promontory

K. H. L. Key,

7-13. ii. 1982

6.2.

6.9401.7. Turned off Hume Highway for Mans

424.0. Swampy.

464.3. Hotel Mansfield

464.5. Turned left for Mt Buller.

483.0. Merrijig.

491.9. Enter intact forest (hitherto lo
by cleared.

501.4. Dry-wet sclerophyll forest eastern
lower
very steep rocky slope of Mt. Buller. Ma
E. viminalis, E. delegatensis, Pteridium esculentum, Pteris
Trees include E. globulus, E. fraxinoides
E. pauciflora subsp. niphophila, Kosciuscola cunningham
E. robertsonii & E. dives. Ground cover
including Acaena sp., inc. Parahebe dive
inc. Helichrysum semipapposum.

Mileage. Summit of Mt. Buller. For general
notes see 619.6. Monotria taken on two
shrubs (specs) only. Kosciuscola tristis mainly o
trees.

7/2.

68.2. Mansfield P.O. depart.

56.9. Merrigig

51.2. Merimbah.

505.4. = 501.4.

x 6.1. Samples the DSF slope similar to Phaulacridium vittatum, Pexassa nigrifrons, Homoeo-
neat of 501.4. Apparently mainly E. tres
mus balasiae
to 7 ft. Dense Banksia (Prickly) + bracke
to 2 ft, some Poa. Also cleared roadside

511.0 "Unnamed Corner". - Parahebe bar

517.6. Village.

517.6. End of road to summit, which is at 100
Tronistria cancinna, Phaulacridium vittatum,
higher. Collected from there to summit
Kosciuscola tristis
a little below end of road. Steep
gradual rocky slopes (sedimentary rock
with very steep almost cliffs on two
sides at summit. Herbfield with the
shrubby (species B)
most abundant plant a leguminosae
Hovea longifolia R. Br. ex Ait. var. montana (Hoo
very frequent to 1 ft mostly, but up to 3 ft
J. H. Willis.
sheltered places, forming mats, some
unbroken over considerable areas.

~~ORIGINAL COPY~~ RECORD No. 03

Westringia serpefolia F. Muell.
scattered patches of a lobeate to 1-2ft (spec.)
Monotoria merely on this), of a silver-leafed
a prostrate Podocarpus
Olearia 18in to 3ft, individuals of ~~Podocarpus~~
a few
of other shrubs, below end of road patches of
any aromatic Helichrysum hookeri (Sond.) Bruce
a shrubby Helichrysum (?) (spec.) 1-3ft in bloom
(a less frequent host of Monotria). Poa
australis scattered everywhere & often in
large open areas, various forbs, including
only one plant of Senecio sect.
dassis; below the end of road were
patches of E. paniculata to 10ft. & a seepage
channel. Much the same shrubs as before
but growing to 3-4ft, also another
Phebalium phylicifolium F. Muell.
aromatic one (spec.) (no Monotria), the
seepage channel with epacrids, Richea,
Leptospermum sp., patches of sedges &
hygrophilous forbs, patches of Sphagnum.
including nymphs.
Chaulocridium cittatum not uncommon, One or
two Monotria were found amongst a mixture
of the Olearia & furry-fruited legume well
away from either of the favoured plants.
Return.

621.7. Village.

625.7 "Boggy Corner". Steep slopes with E.
Pteracaya rigiferus, Kosiuscola tristis.
delegatensis to 100ft dense, a grey-phyllode
Acacia to 15ft, wild raspberry, Parahebe dorw
& introduced Senecio to 2ft, some Daviesia
to 3ft., occ. bracken & ferns.

628.2 Unnamed Corner.

637.2. Mirimbah.

639.1 Gastrimargus.

645.2 Moderate slope, pale grey-brown soil.
Eucalyptus australasiae
E. dives & E. robertsoni to 60ft, with occ.
Acacia dealbata to 10ft & regrowth. Sparse
grass to 18in., occ. Hibbertia sp. to 1ft.
Phaul. nitratum.

652.2. Merrijig.

[The Monistrias at Mt Buller were very
uniform in pattern. Ground colour black
to deep olivesh brown, the spots abundant
cream to pale yellow, very round, not
coalescing; the only stripes running
along inner side of eyes ~~[illegible]~~ onto

occiput, from antennal sculus below eyes & along ventral margin of pronotal lobe, & ventral margin of femur III. Genicular arc of femur III lake. Abdomen usually cephalad under & adjacent to wing f. smooth & scarlet. Antennae black. I saw one male settle after disturbance & vibrate the antennae while raising the tegmina to dorsolaterally expose the wings. Very few females seen (2) – presumably lying doggo in shrubs. No Nomistria seen below the herbfield, although a fair amount of Parahebe was present in places in the E. delegatensis forest.]

8/2

71.3 Mansfield depart.

69.3 Jamieson. Return.

11.0. Turned left on Eildon road.

20.0. Cummins Gap. Steep slopes in rainforest, Phanlaeradum vittatum, Zonitoides opomaloides E. obliqua, E. macorrhyncha, E. dives, & E. viminalis (?) to 60ft. Cassinia sp.

& other shrubs to 3ft, some bracken, bracken.

739.7. Big River crossing.

747.9. Gentle slope, pale brown soil, E. gonioca australasiae, E. obliqua, E. obliqua oides
obertsone & E. urnemalis or dalrympleana to 90ft
with Acacia dealbata to 10ft & ~~other~~ mixed shrubs to
3ft, abundant bracken, some grass.

751.9. ~~Turned~~ Road off on left ~~on~~ to Warburton. ~~road~~.

759.3. Turned left.

766.1. Left car to walk to summit Mt.
Torbreck. Arrived, 1514 m. E. pauciflora to
15ft dense. Poa australis, Parahebe dec.
The Kosciuscola tristis appeared fairly low down, & continued to summit.
at first appearance of the E. pauciflora: Ho
Pteracassa tuffrons, Kosciuscola tristis, Phanerosidium
Nomstria. Below the pauciflora limit: E. nitidum
delegatensis with Acacia dealbata to c. 40ft;
ferns, bracken, wild raspberry, Poa australis
occ. patches low forbs & grass, Parahebe occ.
At end of road (766.1): dense mixed grasses to
Kosciuscola tristis, Astroneks vulgaris
1ft in clearing from E. delegatensis, E. pauci
& Acacia dealbata.
Return

772.7 Turned left into Eildon road.

783.8. Turned right.

786.4. Eildon. Return.

00.3. Thornton. Turned left.

14.0. Taggerty. Turned left.

26.0. Buxton. Turned left.

38.0. Marysville.

9/2.

838.0 Marysville depart.

849.0. Turned left.

860.8. Summit of Lake Mountain (1433 m.) Flattens
Phaulacridium vittatum, Kosciuscola tristis.
granite-exposures with E. pauciflora to 15ft
Percassa rugifrons
Dense shrubs to 3ft, ~~including~~ mainly Prostanthera
uncata & a furry-fruited legume. Patches of
Poa australis. Only a single Kosciuscola tristis & a
single Percassa seen. No Monastria. Tolpolarea very small
Return.

872.3. Turned left into main road.

881.1, Cumberland Junction. Turned right.

902.4 Rafton.

922.8 Turned right in Warburton.

930.5. Cement Ck.

938.9. Turn right.

940.3. Summit of Mt. Donna Buang. Cleared from E. delegatensis to 20ft. Few shrubs. Nothing of obvious interest. Heavy fog & drizzle.

Return.

10/2.

969.2 Warburton depart.

978.7 Yarra Junction. Turned left.

995.4. Powelltown.

60.002.2. Took right fork.

013.5. Road off to right.

018.0. Took left fork.

021.9. Noojee.

074.8 Mt. Baw Baw Village. Took 3-km walk back round & over the summit. Granite exposures, dark grey soil, moderate slopes. Helaena paucinina, Percassa rugiferous, Koscinocolletistis, Phaulacridium vittatum

E. pauciflora to 15ft at summit, up to 25ft at village. Richea & other sparidaceous shrubs to 3ft

Acc. flats, leguminous & other shrubs to same clearing (spec.) Olearia phlogopappa (Labill.) DC. sensu lat.

Olearia sp. sporadic (Helaena acc. on this).

Prostanthera cuneata Benth.
Prostanthera cuneata (spec.) present along only one short stretch of the track (Ipelarna present). Poa australis scattered about, sometimes pure in small areas on this, often several pairs (piggy-back) per shrub. First-instar green Ipelarna nymphs present on ground in the vicinity of these Prostanthera (accompanied by Olearia). The Ipelarna population was apparently fully mature & perhaps beyond its peak for the season; all females very gravid, the pairs mainly low on the shrubs or on the ground at their base. No sign of Monistria concinna. Percassa frequent, showing no evident preference for any one species of shrub. Koscuiscola tristis occ. all females seen nymphal, all males blue. Ferns in places, mat-forming forbs. Celmisia abundant, also Stylidium sp. including Viola sp. on some flat patches.

[General account of Monistriines so far: M. concinna was not found below the tree-line on Buller, although Parahebe was present & several stops were made. But Koscuiscola tristis continued down for

Nimyacis nana

390.9 Foster.

12/2.

452.6 Tidal River.

36670. Tin Pot track. Grass pasture with adjacent bracken. Prasiphulus sp., Phaulacridium vittatum, Acrida conica, Gastrimargus musicus (& scarified margin)

Austroicetes in heath at 2 points in 1st 5 km of track.

673.2 Turned right on Five-Mile track. Collected Cirphula pyrrhonemis, Minyagris nana

452.6 Tidal River depart.

[Reflections on Wilson's Promontory: I saw no Prostanthera or other labiate, no Dampiera or low Goodenia. The list of plants of the area apparently does not include either of the first two. The large shrubby "Goodenia" was occ. seen. The chief communities are either dense heaths 1-2 ft or up to 5 ft, or dense heathy understoreys up to 6 ft to Banksia serrata, B. integrifolia, or eucalypts. The low heaths contained most of the (a ranger) grasshopper species taken. Rocky Barca stated that he had seen spotted grasshoppers on an expedition into a more inaccessible area of the Park; he would look out

12/2. for them & send to me if found.

13/2

658.8. Stratford.

682.2. Turned left.

686.8. Fernbank.

707.1 Turned right.

710.6. Entered Glenaladale Nat. Park.

712.0. Took trail to Mitchell R. from carpark
Prasiolus sp., Phaulacridium vittatum, Austrocetes
Collected over first 1km. Sandstone. Pale
vulgaris, Macrotona australis, Cryptobothrus chrysophanus
gray-brown sandy loam. E. polyanthemos &
occ. E. macrorhyncha to 60ft, a bipinnate
wattle to 25ft, Dodonaea sp. & Kunzea sp.
dense to 15ft, sparse grass. Macrotona
abundant. laying. Return.
4.0 pm.

716.8. Back at main road. Turned right.

727.7. Cleared under power line from [illegible] Austroicetes vulgaris, Praxilellus ~~ulnaris~~, Dedalus austrolucus to 60ft. Abundant regrowth of Cassia [illegible] Phyllanthus ~~Minyairis~~ nanum, Corythiste, muicola (j.), Tonicea sp. to 4ft, Acacia dealbata to 5ft, Kunzea topomoloides, Astrimargus musicus, Acrida conica. sp. to 3ft, some grass.

732.8. Crossed Sandy Ck.

735.0 Cabannah.

770.0. Dargo. Nothing here to suggest presence of Monistria.

799.9 "Clark's Camp" turn-off. High-level flat [illegible] Pericassa nigifrons, Austroicetes vulgaris, Kosciuscola [illegible] shale. Namly E. delegatensis to 80ft. [illegible] natus (j.). least 2 other eucs. Acacia dealbata to 20ft + regrowth, Cassinia sp. to 3ft, occ. Olearia sp. to 1ft, a legume to 1ft, Acaena nat. some short grass, some bracken, a few Celmisia.

813.8 Gently undulating, brown soil. E. fraxinoides to 60ft + occ. E. dalrympleana to 70ft. Kosciuscola cognatus, K. tristis. Ap spaced with red berries to 4ft, dense Poa tot[illegible] Acaena + other forbs. P. uttatum.

816.2 Start of Dargo High Plains (E. [illegible] to 20ft.)

821.2. Margin of large treeless flat. Seepage channel (braided), with several species of rounded shrubs to 2-3ft interspersed with continuous moist grass sward. Koscinscola usitatus on grass & shrubs.
Koscinscola usitatus, K. cognatus

823.6. Slight depression. E. pauciflora to 50ft with several spp. of shrubs to 3ft, including abundant silver-leafed Olearia.
Persoonia rigiferus, Koscinscola tristis.

826.4 Edge of Dargo High Plains.

829.2. Steep slope with E. pauciflora to 20ft. several shrub species, including fusiform with Protanthera cuneata. Monistria on this, though only 2 found.
Monistria concinna, Persoonia rigiferus

841.9. Joined Mt. Hotham - Bright road. Turned off